

FBX521: Wireless RF remote controller

Technical specification



Precautions and mounting locations:

- Mounted on the top of door / wall / bed
- Easy mounting of remote jacket with 2 screws
- For indoor purpose use only
- Keep away from metallic enclosures
- Do not connect the battery in opposite direction

Wall mount calling unit:

Enclosure type: ABS plastic (white)
Remote controller size: 120 x 40 x 20 mm
Remote controller weight: 45 gms

Model: FBX521

Handheld wireless RF remote controller

Features:

- 3 buttons (CALL / CANCEL / OPTIONAL)
- RED light indicator, glows when any button is pressed
- Top button (ON) => send ON/CALL signal to the receiver
- Bottom button (OFF) => send OFF/CANCEL signal
- Center button (optional), as per application requirement

Technical details:

- Transmitter PA +10dbm
- Operating frequency: 380 – 480 MHz
- System operates works on signal hop mechanism. Signal transmission happens at more than 12-15 predefined frequencies
- Modulation type: GFSK
- Radio IC: CC1100 (Chipcon/TI) and other equivalents in sub-GHz freq.
- Modulation: GFSK
- Data packet error correction mechanism: FEC

Operating voltage:

12 Volt DC battery (at the bottom)
Battery model: 23A
Battery life: 2-3 years
Battery type: Alkaline (dry)
Battery replaceable: Yes
Battery rechargeable: No

Signal transmissions:

Make sure to press a button for at least 2-3 seconds for reliable transmission. This increases the range of communication

Application and features:

- Nurse call system for hospitals: remote with patients
- Steam bath sauna rooms / spas / restaurants etc.
- OPD token system for dispensaries: remote with doctors
- Office peon calling system: remote with clerk / manager
- Guest house attendant call unit: remote with customers in room

FORBIX SEMICON INDIA PVT. LTD.
Bangalore, India
Website: <https://www.forbixindia.com>
+91 9742370190 / +91 9742159846

FORBIX Osäühing,
Tallinn, Estonia
Website: <https://www.forbix.eu>
+372 880 1510

Email: sales@forbixindia.com